

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	5	((("6795853") or ("6286111") or ("6269460") or ("6438716") or ("6477666")).PN.	US-PGPUB; USPAT	OR	OFF	2006/08/30 09:52
L2	8	(object same serializ\$6 same hierarch\$4).clm.	US-PGPUB; USPAT; USOCR; EPO; DERWENT ; IBM_TDB	OR	ON	2006/08/30 11:27
L3	0	command\$line with pipe\$4 with registry	US-PGPUB; USPAT; USOCR; EPO; DERWENT ; IBM_TDB	OR	ON	2006/08/30 10:25
L4	7	command\$line with pipe\$4	US-PGPUB; USPAT; USOCR; EPO; DERWENT ; IBM_TDB	OR	ON	2006/08/30 10:25
L5	1	("6198824").PN.	US-PGPUB; USPAT	OR	OFF	2006/08/30 11:28
L6	4	"20020019844" "20020143866"	US-PGPUB; USPAT; USOCR; EPO; DERWENT ; IBM_TDB	OR	ON	2006/08/30 11:28
L12	962	(719/315).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/08/30 11:32
L13	523	(719/316).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/08/30 11:33
L14	430	(719/330).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/08/30 11:33
L15	1557	(707/203).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/08/30 11:33
L16	3083	(715/513,760).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/08/30 11:33
L17	10	16 and (object same serializ\$6 same hierarch\$4)	US-PGPUB; USPAT; USOCR; EPO; DERWENT ; IBM_TDB	OR	ON	2006/08/30 12:04
L18	82	16 and (object same serializ\$6)	US-PGPUB; USPAT; USOCR; EPO; DERWENT ; IBM_TDB	OR	ON	2006/08/30 11:34
L19	37	15 and (object same serializ\$6)	US-PGPUB; USPAT; USOCR; EPO; DERWENT ; IBM_TDB	OR	ON	2006/08/30 11:34
L20	1	("20030191803").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/30 11:42
L21	0	("7020666").URPN.	USPAT	OR	ON	2006/08/30 11:42

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L22	192	(object same serializ\$6 same hierarch\$4)	US-PGPUB; USPAT; USOCR; EPO; DERWENT ; IBM_TDB	OR	ON	2006/08/30 12:04
L23	635	(object same serializ\$6 same (hierarch\$4 xml))	US-PGPUB; USPAT; USOCR; EPO; DERWENT ; IBM_TDB	OR	ON	2006/08/30 12:04
L24	320	(object with serializ\$6 with (hierarch\$4 xml))	US-PGPUB; USPAT; USOCR; EPO; DERWENT ; IBM_TDB	OR	ON	2006/08/30 12:04
L25	288	(object with serializ\$6 with (hierarch\$4 xml)) and (table mapping map schema definition with (version time stamp time\$stamp))	US-PGPUB; USPAT; USOCR; EPO; DERWENT ; IBM_TDB	OR	ON	2006/08/30 12:05
L26	284	(object with serializ\$6 with (hierarch\$4 xml)) and (table mapping map schema definition with (version time stamp time\$stamp) with (map\$4 conversion convert\$3 encod\$3))	US-PGPUB; USPAT; USOCR; EPO; DERWENT ; IBM_TDB	OR	ON	2006/08/30 12:06
L27	284	(object with serializ\$6 with (hierarch\$4 xml)) and (table mapping map schema definition with (version time stamp time\$stamp) with (map\$4 conversion convert\$3 encod\$3) with type)	US-PGPUB; USPAT; USOCR; EPO; DERWENT ; IBM_TDB	OR	ON	2006/08/30 12:07
L28	284	(object with serializ\$6 with (hierarch\$4 xml)) and (table mapping map schema definition with (version time stamp time\$stamp) with (map\$4 conversion convert\$3 encod\$3) with type with object)	US-PGPUB; USPAT; USOCR; EPO; DERWENT ; IBM_TDB	OR	ON	2006/08/30 12:07
L29	4	(object with serializ\$6 with (hierarch\$4 xml)) and ((table mapping map schema definition) with (version time stamp time\$stamp) with (map\$4 conversion convert\$3 encod\$3) with type with object)	US-PGPUB; USPAT; USOCR; EPO; DERWENT ; IBM_TDB	OR	ON	2006/08/30 12:08
L30	12	(object with serializ\$6 with (hierarch\$4 xml)) and ((table mapping map schema definition) with (version time stamp time\$stamp) with type with object)	US-PGPUB; USPAT; USOCR; EPO; DERWENT ; IBM_TDB	OR	ON	2006/08/30 12:09
L31	8	30 not 29	US-PGPUB; USPAT; USOCR; EPO; DERWENT ; IBM_TDB	OR	ON	2006/08/30 12:08
L32	141	(object with serializ\$6 with (hierarch\$4 xml)) and ((table mapping map schema definition) with (version time stamp time\$stamp))	US-PGPUB; USPAT; USOCR; EPO; DERWENT ; IBM_TDB	OR	ON	2006/08/30 12:09

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L33	40	(object with serializ\$6 with (hierarch\$4 xml)) and ((table mapping map schema definition) with (version time stamp time\$stamp) with object)	US-PGPUB; USPAT; USOCR; EPO; DERWENT ; IBM_TDB	OR	ON	2006/08/30 12:09
L34	28	33 not 30	US-PGPUB; USPAT; USOCR; EPO; DERWENT ; IBM_TDB	OR	ON	2006/08/30 12:09

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L14	430	(719/330).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/08/30 11:33
L15	1557	(707/203).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/08/30 11:33
L16	3083	(715/513,760).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/08/30 11:33
L17	10	16 and (object same serializ\$6 same hierarch\$4)	US-PGPUB; USPAT; USOCR; EPO; DERWENT ; IBM_TDB	OR	ON	2006/08/30 11:33
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Object Serialization and Deserialization Using XML (ResearchIndex)

Interoperability of potentially heterogeneous databases has been an ongoing research issue for a number of years in the database community.

citeseer.ist.psu.edu/483946.html - 21k - [Cached](#) - [Similar pages](#)**Object Oriented Database Serialization Using Extensible Markup ...****Object Oriented Database Serialization Using Extensible Markup Language, XML (1999) (Make Corrections)** Muhammad Anzar Afaq, Syed Shafqat Saeed ...citeseer.ist.psu.edu/afaq99object.html - 18k - [Cached](#) - [Similar pages](#)**Citations: Simple Object Access Protocol - Access, Note, www, SOAP ...**

Simple Object Access Protocol (SOAP) 1.1, W3C Note 08 May 2000 ... NET [17] use XML to encode calls between components and XML serialization and ...

citeseer.ist.psu.edu/context/1300671/0 - 22k - [Cached](#) - [Similar pages](#)**Citations: The Early History of Smalltalk - Kay (ResearchIndex)**

... for processing but also for audio and MIDI input output, XML serialization services,

... To handle these information objects he suggested Smalltalk, ...

citeseer.ist.psu.edu/context/284958/0 - 19k - [Cached](#) - [Similar pages](#)**Citations: Document Object Model - Web (ResearchIndex)**

Nexus s serialization and deserialization protocols are also binary, ... While the former parses an XML document into a Document Object Model (DOM) [38] ...

citeseer.ist.psu.edu/context/889908/0 - 24k - [Cached](#) - [Similar pages](#)**Why Object Serialization is Inappropriate for Providing ...**

This paper describes why Object Serialization is not appropriate for providing ... 0.5:

Object Serialization and Deserialization Using XML - Bhatti, Hassan, ...citeseer.ist.psu.edu/evans00why.html - 20k - [Cached](#) - [Similar pages](#)**XRDF - An eXtensible Resource Description Framework (ResearchIndex)**

The model allows grouping of atoms and statements on subject and object position.

... Additionally, we propose a pure XML serialization syntax and a graphi.

citeseer.ist.psu.edu/conen01xrdf.html - 17k - [Cached](#) - [Similar pages](#)**Citations: XOL: An XML-based ontology exchange language - Karp ...**

1999], an XML serialization of the OKBC lite knowledge model [Chaudhri et al. ... the object model definitions indigestible for most RDF(S) applications. ...

citeseer.ist.psu.edu/context/1111635/0 - 32k - [Cached](#) - [Similar pages](#)**An XML-based Object-Oriented Infrastructure for Developing ...**

We propose an XML/RDF-based model that can be used as an universal manner for serialization and metadata description of the objects processed by the agents. ...

citeseer.ist.psu.edu/alboaie02xmlbased.html - 25k - [Cached](#) - [Similar pages](#)**XML-RPC Agents for Distributed Scientific Computing - van Engelen ...**

We have designed and implemented tools for the automatic generation of XMLRPC stub routines and XML serialization converters to support application data ...

citeseer.ist.psu.edu/vanengelen00xmlrpc.html - 23k - [Cached](#) - [Similar pages](#)**Citations: Web Metadata: A Matter of Semantics - Lassila ...**

RDF can be embedded in Web documents using an XML serialization syntax,

although As general metadata for learning objects, IEEE LOM is the current ...

citeseer.ist.psu.edu/context/967652/0 - 22k - [Cached](#) - [Similar pages](#)**Citations: A Layered Approach to Information Modeling and ...**

This model contains a syntax layer (serialization, eg XML RDF) an object layer (facts about resources) and a semantic layer (the schemas used) In a ...

citeseer.ist.psu.edu/context/1753258/0 - 19k - [Cached](#) - [Similar pages](#)**Citations: Resource description framework (ResearchIndex)**

An assertion s data objects, or resources, can be any entity, digital or not. ... XML serialization of the RDF Schema Specification 1.0 found in Appendix B ...

citeseer.ist.psu.edu/context/1101384/0 - 32k - [Cached](#) - [Similar pages](#)**Citations: Simple API for XML - Megginson (ResearchIndex)**

2000; 30:1661 1676 BOX: BROWSING OBJECTS IN XML 1667 The DOM

structure ... simple implementation of serialization and deserialization of Java into SOAPv 1. ...

citeseer.ist.psu.edu/context/1258156/0 - 27k - [Cached](#) - [Similar pages](#)

Citations: Document Content Description for XML - Bray, Frankston ...

A different approach was suggested by SOX[9] which is based on an object ... model and syntax specification and also in serialization syntax of using XML. ...

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Citations: Layman: Namespaces in XML - Bray, Hollander (ResearchIndex)

Figure 12 shows the RDF XML serialization syntax of the extension of the simplex object T. Bray, D. Hollander, and A. Layman: Namespaces in XML. ...

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Citations: too - Ontology Engineering beyond the modeling of ...

Axioms are Objects, too - Ontology Engineering beyond the modeling of Concepts ...

OntoEdit internally stores ontologies using an XML serialization of the ...

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Citations: Document definition markup language - Bourret, Cowan ...

An eXtensible Web Modeling Framework - Klapsing, Neumann (Correct)and syntax specification and also in serialization syntax of using XML. ...

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Citations: Änderungskontrolle in deduktiven Objektbanken ...

At first we are changing the representation from XML serialization to 9] and

implemented in the deductive object oriented database system ConceptBase ...

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Citations: XML Path Language (XPath) Version 1.0 - Clark, DeRose ...

While simple path queries were popularized in the context of object oriented ... to XML, which provides a low level standard for document serialization, ...

citeseer.ist.psu.edu/context/1122382/0 - 26k - [Cached](#) - [Similar pages](#)

Citations: XML Schema Part 1: Structures - Thompson, Beech ...

2000, Byron and Malhotra, 2000] In practice, XML is being used for a number of rather different purposes: as a serialization syntax for other markup ...

citeseer.ist.psu.edu/context/1086736/0 - 38k - [Cached](#) - [Similar pages](#)

Citations: Synchronized Multimedia Integration Language - Hoschka ...

4 SMIL Synchronized Multimedia Integration Language (SMIL) is an XML based language that allows integrating a set of independent multimedia objects into a ...

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Citations: Infosleuth: Semantic Integration of Information in Open ...

Most notably, RDF uses an XML serialization; and several query languages for ...

translation or metadata service is a distributed object implementing a

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Citations: Resource Description Framework - Swick (ResearchIndex)

The XML serialization of the statement about Frank's homepage would look like ... in a platform-independent manner the source object and the method of

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Citations: What's in a Link: Foundations for Semantic Networks ...

Incorporating Semantic Relationships into an Object-Oriented. ... now the nodes (and arc labels) can be URLs and the serialization syntax is based on XML. ...

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Citations: Querying RDF Descriptions for Community Web Portals ...

Most notably, RDF uses an XML serialization; and several query languages ...

Sideway Value Algebra for Object-Relational Databases - Ozsoyoglu, Al-Hamdani. ...

citeseer.ist.psu.edu/context/2026300/0 - 17k - [Cached](#) - [Similar pages](#)

Citations: A Bytecode Translator for Distributed Execution of ...

The view generation process consists of two steps: i) reading the XML description and the represented object, and (ii) modifying existing method interfaces ...

citeseer.ist.psu.edu/context/1857498/549226 - 25k - [Cached](#) - [Similar pages](#)

Citations: Distributed component object model protocol - dcom ...

Envelope provides the serialization context for the method calls that follow and can contain additional attributes (qualified by a suitable XML namespace) ...

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Citations: Trading Object Service - Group (ResearchIndex)

The network protocol is not language independent because it relies on the Java specific object serialization mechanism. Publication is based on soft ...

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Citations: Java Remote Method Invocation Specification - RMI ...

The object invoked implements the interpreter for the XML program. ... RMI includes

support for data serialization, remote class loading, ...

/citeseer.ist.psu.edu/context/131644/0 - 34k - [Cached](#) - [Similar pages](#)

Citations: Sun Microsystems Inc - Method, Revision (ResearchIndex)

Java Object Serialization Specification, Revision 1.2, Sun Microsystems Inc., ... Java

API for XML Processing. Sun Microsystems Inc., 1.1.3 edition, 2001. ...

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Citations: NET Framework Essentials - Thai, Lam (ResearchIndex)

NET [NET01] is Microsoft's platform for XML Web services, ... 2.1 Object

Serialization Object serialization is the process of flattening an object, ...

citeseer.ist.psu.edu/context/1758753/0 - 16k - [Cached](#) - [Similar pages](#)

Citations: A Value Transmission Method for Abstract Data Types ...

In addition, we provide native implementations for close(flush(and reset(Our object

serialization protocol follows the approach described in [8, 2]. ...

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Citations: Smalltalk-80: The Language - Goldberg, Robson ...

An object is an instance of a class, and contains storage for the state to make

knowledge bases persistent (using XML and binary serialization) and an ...

citeseer.ist.psu.edu/context/14782/0 - 27k - Aug 28, 2006 - [Cached](#) - [Similar pages](#)

Citations: Data Replication in Distributed Database Systems ...

Object Serialization and Deserialization Using XML - Bhatti, Hassan, McClatchey, ..

Self-citation (Stockinger) (Correct)event summary and raw data ...

citeseer.ist.psu.edu/context/1307142/0 - 13k - [Cached](#) - [Similar pages](#)

Citations: Orthogonally persistent object systems - ATKINSON ...

These solutions are much more comprehensive and powerful than object

serialization. This section should not be read as a comparison of object

serialization ...

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Citations: The ontology inference layer oil - Horrocks, Fensel ...

....nets towards predicate logic [Woo75] except that now the nodes (and arc labels)

can be URLs and the serialization syntax is based on XML. ...

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ITW – An Architecture based on (ResearchIndex)

1.8: An XML-based Object-Oriented Infrastructure for Developing.. - Alboaei, al. ... 1

An XML-based Serialization of Information Exchanged by Softw. ...

citeseer.ist.psu.edu/645598.html - 23k - [Cached](#) - [Similar pages](#)

Citations: UML and the Semantic Web - Cranefield (ResearchIndex)

... take advantage of the XML encoding of both XML (the serialization of UML) and ...

Cranefield and Purvis [5] investigated the use of UML and OCL (Object ...

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Citations: Data Access for the Masses through OLE DB - Blakeley ...

For structures that are more complex than flat tuples (eg in object relational systems)

XML offers a way to serialize objects verbosely. ...

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Citations: Explicit Modeling of the Semantics of Large Multi ...

Object Serialization and Deserialization Using XML - Bhatti, Hassan, McClatchey, ..

(Correct)data raw data replicate only particular event data objects ...

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Citations: Semantics-Based Concurrency Control: Beyond ...

A Model of Concurrency in Object-Oriented Databases - Rosu (2001) (Correct) ...

semantics to improve performance, decreasing operations serialization. ...

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Citations: A concurrency control framework for collaborative ...

Several distributed object systems have been previously developed and present ... [9]

20] 2] In general, serialization is considered correct but too strict, ...

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Citations: Java-based Mobile Agents - Wong, Paciorek, Moore ...

The implementation of CODEXA is based on mobile agents and XML; ... In Carolina,

mobility is handled by Java's object serialization capability, ...

citeseer.ist.psu.edu/context/989814/0 - 36k - [Cached](#) - [Similar pages](#)

Citations: A Distributed Object Model for the Java System ...

RMI supports more sophisticated object interactions by using object serialization to

marshal and unmarshal Wollrath A., Riggs R., ...

citeseer.ist.psu.edu/context/47495/96320 - 59k - [Cached](#) - [Similar pages](#)

Citations: - resource. http. RDF (ResearchIndex)

... model is **serialization** independent, though the standard serialization uses XML.

... the RDF Schema specification [W3CRDFS] provides an **object** oriented ...

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Citations: Extensible Markup Language (XML) 1.0 - Bray, Paoli ...

To be precise, there are two equivalent syntaxes: the **serialization** syntax ...

Transforming **Object** Oriented Models with BOTL - Braun, Marschall (2003) (3 ...

citeseer.ist.psu.edu/context/30798/0 - 27k - [Cached](#) - [Similar pages](#)

Experiences implementing efficient Java thread **serialization** ...

0.3: BOX: Browsing **objects** in XML - Nentwich, Emmerich, Finkelstein. ... 1

EFFICIENT JAVA THREAD SERIALIZATION (context) - Hernandez, Cardinale et al.

...

citeseer.ist.psu.edu/bouchenak03experiences.html - 28k - [Cached](#) - [Similar pages](#)

Citations: - transformations, Working, Available, www, WD ...

Processing of XML has seen the widespread use of the W3C document **object** model

(DOM) 20] where ansupported by DOM) not on its **serialization** syntax. ...

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Citations: CORBAServices: Common **Object** Services Specification ...

An XML-based Meta-model for the Design of Multiprocessor **Efficient Object**

Serialization in Java - Lukasz Opyrchal And (1998) (Correct) ...

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